

## Philips SNV6520 ADSL Modem Multiservices PSTN Voice

### Before You Start

This Before You Start card will help you to get your ADSL Modem Multiservices set up and connected to the Internet quickly and easily. Just follow these steps:

- Step 1: Check your package contents
- Step 2: Set up your ADSL Modem Multiservices
- Step 3: Configure your PC for Dynamic Addressing
- Step 4: Configure your Wireless Modem Multiservices
- Step 5: Configure your Telephone Settings
- Step 6: Configure Wireless Security (optional)

>>> Before you install the unit, check that your ADSL line is working correctly on the phone socket where you plan to connect your ADSL Modem Multiservices. Make sure that you have properly installed a splitter (not included, refer to your Service Provider documentation).

## 2 Step 2 Set up your ADSL Modem Multiservices PSTN Voice

### 1. Select a location for your ADSL Modem Multiservices

Install the ADSL Modem Multiservices near your PC or another location where you have easy access. Keep ethernet cables away from power cords and other sources of electrical interference. Place the ADSL Modem Multiservices, with the antenna in upright position, in a location where air can circulate freely around it.

### 2. Plug the Power Supply into an appropriate electrical outlet.

Connect the other end to the Power Input on the backside of the ADSL Modem Multiservices. Turn the power ON with the Off/On Switch. The LED light (PWR) should come on solid green.

### 3. Connect the ADSL Modem Multiservices to your ADSL RJ11 wall jack.

Plug one end of the black RJ-11 Telephone Cable into the port labeled "ADSL" on the ADSL Modem Multiservices back panel until you feel it click. Insert the other end of the telephone cable into the telephone jack (or filter/ splitter) connected to your ADSL service. The ADSL light should blink for up to two minutes and then come on solid green.

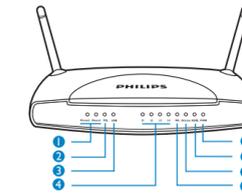
### 4. Connect the ADSL Modem Multiservices to your computer

Connect one end of the Gray RJ-45 Ethernet Cable to your PC's Ethernet port and the other end to one of the LAN ports of the ADSL Modem Multiservices. The LAN indicator light should come on solid green for the port where you connected your Ethernet cable and your PC is on.

### 5. Connect the ADSL Modem Multiservices to your Telephone

Plug one end of the black RJ-11 Telephone Cable into the port labeled "Phone1" on the ADSL Modem Multiservices back panel until you feel it click. Insert the other end of the telephone cable into the telephone jack of your telephone.

### SNV6520 LED Indicator Lights



- |                   |  |
|-------------------|--|
| 1. Phone2, 1      | • ON: When Phone is OFF-Hook talking on a Call   |
|                   | • Blinking Green: On an Incoming Telephone Call when it rings the phone or in call waiting stage |
| 2. TEL            | • Off: When modem is having no communication on ADSL or Internet Telephony                       |
|                   | • Solid Green: When Telephone registration is successful   |
| 3. USB            | • Off: When there is no connection   |
|                   | • Solid Green: When USB device is up and connected   |
|                   | • Off: When there is no connection   |
| 4. LAN 1, 2, 3, 4 | • Green when connected to each port on the LAN   |
|                   | • Blinking green when there is activity on each port   |
| 5. WL             | • Off = Wireless disabled  |
|                   | • On = Wireless enabled  |
|                   | • Blinking = Wireless traffic  |
| 6. ON LINE        | • Green when Link is Up  |
|                   | • Blinking when sending and receiving data   |
| 7. ADSL           | • Blinking green when initializing   |
|                   | • Green when initialized   |
| 8. PWR            | • Green when power is on   |

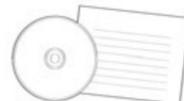
## Step 1

### Check your package contents

You should have all of these:



ADSL Modem Multiservices



Manual on CD



Power Supply



Black RJ-11 Telephone Cable



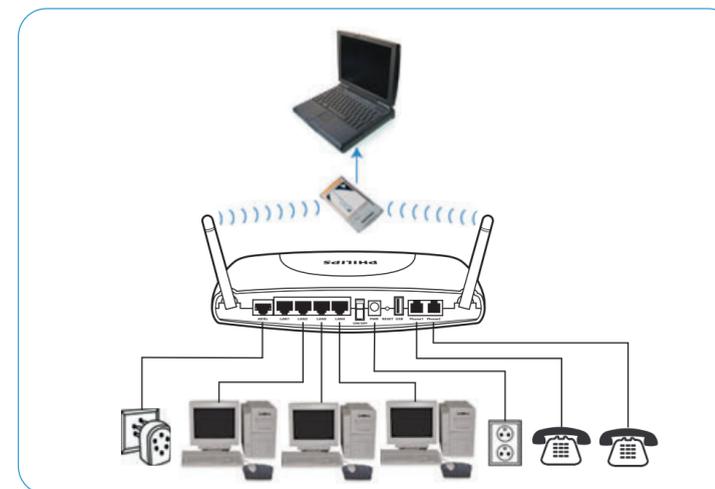
Before You Start Card



Grey RJ-45 Ethernet Cable

If you don't have everything, contact your supplier immediately.

### SNV6520 Rear View



Connect each computer or other device in your network to the ADSL Modem Multiservices with an Ethernet cable or wirelessly.

A maximum of four computers or devices may access the Internet via the ADSL Modem Multiservices at one time

## 3 Step 3 Configure your PC for Dynamic Addressing

Repeat these steps for each computer that you want to connect to your ADSL Modem Multiservices. A maximum of four computers or devices may access the Internet via the ADSL Modem Multiservices at one time

### Microsoft Windows:

Step 1: Go to the TCP/IP Properties settings on your computer by:

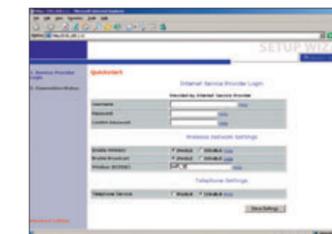
- |                                   |   |
|-----------------------------------|---|
| a). for Window 98, ME, and 2000 : | Start menu > Settings > Control Panel > Network (or Network and Dial-up Connections > Local Area Connection > Properties) > TCP/IP [your network card] or Internet protocol [TCP/IP] > Properties |
| b). for Window XP Click           | Start menu > Control Panel > Network and Internet Connections > Network Connection > Local Area Connection > Properties > Internet protocol [TCP/IP] > Properties                                 |

## 4 Step 4 Configure your ADSL Modem Multiservices PSTN Voice

### 1. Open your Web browser (e.g. Netscape or Internet Explorer) from the computer that is connected to the ADSL Modem Multiservices.

Enter <http://192.168.1.1> in the URL Address text box and press the Enter key. In case the Philips ADSL Modem Multiservices displays the Login Screen, click the "Login" button (leave the Password field blank) to proceed to the Quickstart page.

### 2. The ADSL Modem Multiservices displays the Quickstart Web page.



Enter the Username and Password supplied by your Internet Service Provider.

### Configure Your PC for Dynamic Addressing

Step 2: Select "Obtain an IP address automatically".

Step 3: Select "Obtain DNS server address automatically", if available.

Step 4: Remove any previously configured Gateways, if available.

Step 5: Click OK. Restart if prompted.

Proceed to the next section 'Step 4: Configure Your Philips ADSL Modem Multiservices'.

### Macintosh Mac OS 9.2 and higher or Mac OS X 10.1.5 or higher:

Step 1: Access the TCP/IP or Network control panel.

a. Mac OS 9 follows a path like this: Apple Menu > Control Panels > TCP/IP Control Panel

b. Mac OS X follows a path like this: Apple Menu > System Preferences > Network

Step 2: Select Built-in Ethernet.

Step 3: Select Configure Using DHCP.

Step 4: Close and Save, if prompted.

### 3. Enable Wireless

The wireless function is enabled by default. If you want to disable the wireless function of the ADSL Modem Multiservices, you can uncheck the "Enable Wireless" checkbox.

### 4. Enable Broadcast

The ADSL Modem Multiservices broadcasts its Wireless ID by default. This means that the SSID will appear as an available network when scanned for by wireless-enabled devices. If you uncheck this checkbox, you must manually type in the identical SSID in your wireless devices or clients in order to connect to the ADSL Modem Multiservices network.

### 5. Wireless ID (SSID)

The Wireless ID is preset to "WiFi\_xx?". The "xx" corresponds with an unique number in your ADSL Modem Multiservices. You can either leave it as is, or change it. On client PCs software, this might also be called the Network Name. The Wireless ID is used to identify this particular wireless network. Please refer to the manual of your wireless client on how to connect to the ADSL Modem Multiservices.

### 6. Telephone Service

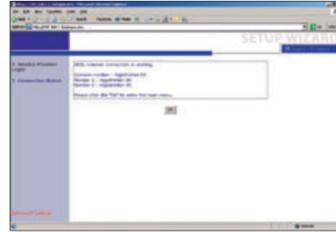
The telephone service is disabled by default. If you want to enable the Telephone function of the ADSL Modem Multiservices you can check the enable box to turn on the "Telephone Service" function.

### 7. Click the "Save Settings/Next" button.

Once you leave your Telephone Service disabled please click on "Save Settings" and continue with Step 6. You can now surf to your favorite websites by typing an URL in your browser's location box or by selecting one of your favorite Internet bookmarks. If you enabled the Telephone Service please click on "Next" and continue with Step 5.

### 3. Click the "Ok" button.

Congratulations! Your Telephone configuration is complete. Click "OK" to continue. In case of error or dysfunction, use the Back Button of the browser; and repeat the process.



## 6 Step 6

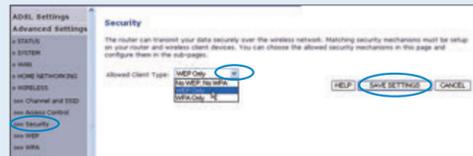
### Configure Wireless Security (optional)

#### 1. Enable WEP Encryption (optional)

WEP is a wireless privacy protection. It will encrypt the data you are transmitting. There are 2 options, using either 64- or 128 - bit WEP Encryption (depending on the capability of your client wireless card).

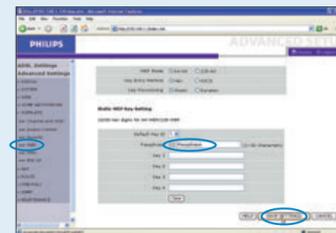
[It is strongly recommended that you enable WEP encryption.](#)

To enable WEP, enter <http://192.168.1.1> in the URL Address text box of your Internet browser and press the Enter key. Login and click on "Advanced Settings" in the left hand menu. Select wireless > Security. Then from the pull down menu select "WEP Only" and then click "Save Settings".



The WEP configuration page will appear.

Leave the "WEP Mode", "Entry Method", "Key Provisioning" and "Default Key ID" default values. Checkmark the box after "Passphrase" and fill in a passphrase. Now you have to click "Save Settings" on the bottom of the page. This action will automatically generate a series of 4 codes/keys.

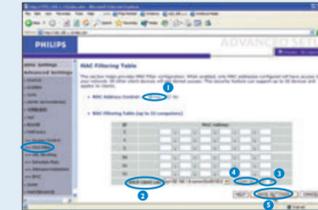


To ensure that the other devices in your network have the same WEP settings, please make sure that the WEP settings in your other devices are identical to the generated code behind "Key 1".

[For further information and explanation on security, please check the manual on the CD.](#)

### 2. Specify MAC Filtering (optional)

MAC Filtering allows you to specify which computers are allowed to join the wireless network based on their unique hardware (MAC) address. To enable this feature, click on Advanced Settings > Firewall > MAC Filtering. Enable MAC Filtering (MAC address control) by selecting "Yes" (1). Once it is enabled, only MAC addresses that have been entered in the MAC Filtering Table will be accepted onto the wireless network. All unlisted addresses will be blocked.



You can enter a MAC Address to the table by scrolling down and then selecting the computer that you want to add from the list presented under the DHCP Client List (2). Select the position where you want to copy it (3) and click "copy to" (4). You can also, when you know the number, enter the MAC Address in the table directly. When you are finished adding MAC addresses click the "Save settings" button (5).

Once it is saved, only the MAC addresses in the list will be accepted onto the Wireless Network. All other addresses will be blocked.

### Appendix: Problem solving

If your ADSL Modem Multiservices is not able to connect you to the Internet, you may see one or more of the following messages:

#### DSL connection is down. Please check the following:

- Phone line is securely connected to your ADSL Modem Multiservices
- DSL Sync light on front of your ADSL Modem Multiservices is green and not blinking
- Filters have been installed on all phone jacks that have telephone devices connected to them. Please try again to connect.

Login failed: Please check your UserName and Password and try again.

To change your Username or Password click on "Advanced Settings" > "WAN" > ATM PVC > VCI.

#### Network Connection Problems

Cannot ping the ADSL Modem Multiservices from the attached LAN, or the ADSL Modem Multiservices cannot ping any device on the attached LAN

- Verify that the IP addresses are properly configured. For most applications, you should use the ADSL Modem Multiservices DHCP function to dynamically assign IP addresses to hosts on the attached LAN. However, if you manually configure IP addresses on the LAN, verify that the same network address (network component of the IP address) and subnet mask are used for both the ADSL Modem Multiservices and any attached LAN devices.
- Be sure the device you want to ping (or from which you are pinging) has been configured for TCP/IP.

If this problem persists, please contact the help desk (on the number provided by your Internet Service Provider).

Hereby, Philips Consumer Electronics, BLC P&ACC, declares that this SNV6520 is in compliance with the essential requirements and other relevant provisions of Directive 1999/EC.



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Specifications are subject to change without notice

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# Quick Start Guide

## Philips SNV6520 ADSL Modem Multiservices PSTN Voice



# PHILIPS

## 5 Step 5

### Configure Wireless Security (optional)

#### 1. Phone Number Selection

Please indicate which number you want to use and click "Next". For this example scenario with "3 Phone numbers" has been chosen to explain the generic configuration.

#### 2. Phone Number Settings

Enter the telephone number, Login and Password supplied by your Internet Service provider. Repeat this for each available Phone Number. The ADSL Home Gateway can append telephone numbers to outgoing calls. Select the number you want to use for each port. Click "Save Settings". The connection status page will appear.

